

Converting Colors

YUV(158.8950, 16.3208,
38.6801)

Have a look what the booklet for
YUV(158.8950, 16.3208, 38.6801)
contains.

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Color

**YUV(158.8950, 16.3208,
38.6801)**

Conversions

Conversions Part 1

Format	Color
Hex	CB82C0
RGB	203, 130, 192
RGB Percent	80%, 51%, 75%
CMY	0.2039, 0.4902, 0.2471
CMYK	0.00, 0.36, 0.05, 0.20
HSL	309°, 41%, 65%
HSV	309°, 36%, 80%
XYZ	42.1257, 32.4675, 53.9158
YIQ	158.8950, 23.6060, 34.7580

Conversions

Conversions Part 2

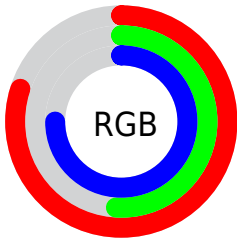
Format	Color
R_{YB}	203, 130, 192
Decimal	13337280
CIE _{Lab}	63.73, 37.56, -20.77
CIE _{LCh}	64, 42.923, 331.065
Yxy	32.4675, 0.3278, 0.2526
Android (android.graphics.Color)	4291527360 (0xFFCB82C0)
YUV	158.8950, 16.3208, 38.6801
Hunter-Lab	56.9803, 32.2499, -16.2150

Details

The YUV color **158.8950, 16.3208, 38.6801** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174.1050, -16.3208, -38.6801**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6390, 17.9260, 37.1506**, and **106.3570, 15.6000, 36.5209** is the 20% darker color. If you saturate the color by 10%, you get **146.8130, 20.7982, 49.2760**, and if you desaturate by 10%, it is **170.9770, 11.8433, 28.0842**.

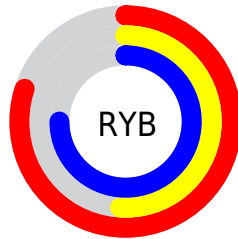
Distribution



Red (80%)

Green (51%)

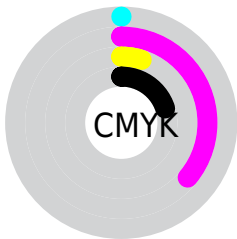
Blue (75%)



Red (80%)

Yellow (51%)

Blue (75%)

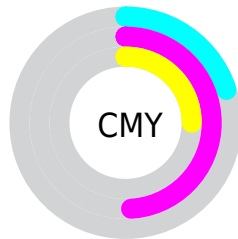


Cyan (0%)

Magenta (36%)

Yellow (5%)

Black (20%)



Cyan (20%)


Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.8950, 16.3208, 38.6801 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 158.8950, 16.3208, 38.6801 by changing the saturation by 10% instead.


 158.8950, 16.3208,
38.6801


 158.8950, 16.3208,
38.6801


255.0000, 0.0000,
0.0000

 132.1830, 16.1788,
37.5505


 212.6390, 17.9260,
37.1506


 106.3570, 15.6000,
36.5209


 229.7590, 12.4438,
22.1364

 80.7590, 15.8948,
35.2914

 246.7820, 4.0515,
7.2072

 55.4600, 16.0422,
34.6766

 28.9270, 17.7840,
36.0210

 18.8410, 11.4174,
24.6954

 6.8790, 6.9617,

7.1221

■ 0.0000, 0.0000,
0.0000

■ 158.8950, 16.3208,
38.6801

■ 158.8950, 16.3208,
38.6801

■ 146.8130, 20.7982,
49.2760

■ 170.9770, 11.8433,
28.0842

■ 134.1440, 25.5650,
60.3867

■ 183.6460, 7.0765,
16.9735

■ 122.0620, 30.0424,
70.9826

■ 195.7280, 2.5991,
6.3775

■ 109.9800, 34.5199,
81.5785

■ 207.8100, -1.8783,
-4.2184

■ 97.8980, 38.9973,
92.1745

■ 220.4790, -6.6451,
-15.3291

■ 85.2290, 43.7641,
103.2852

■ 232.5610,
-11.1226, -25.9250

■ 80.3050, 45.2056,
107.6035

■ 234.6640,
-10.6804, -27.7693

■ 235.0060, -9.3700,
-28.0693

■ 235.4620, -7.6228,
-28.4692

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



157.1490, 30.9855, 1.6233



158.8950, 16.3208, 38.6801



157.0320, -1.4948, 59.6079

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



158.8950, 16.3208, 38.6801



151.0990, -37.0238, 21.8382



123.5530, 34.2374, -108.3560

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



158.8950, 16.3208, 38.6801



174.1050, -16.3208, -38.6801

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



119.8080, 17.3497, -105.0716



158.8950, 16.3208, 38.6801



147.1490, -29.6535, -8.9007

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



158.8950, 16.3208, 38.6801



153.5180, -32.3004, 46.9037



140.2120, -11.9365, -44.9129



123.8100, 47.9147, -108.5814

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



158.8950, 16.3208, 38.6801



155.3670, -12.9989, 62.8221



140.2120, -11.9365, -44.9129



122.7720, 28.7064, -107.6710

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



158.8950, 16.3208, 38.6801



238.1080, 6.3558, 14.8143



141.6110, 30.2648, -0.5358



117.6790, 3.6093, 9.0515



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



158.8950, 16.3208, 38.6801



188.4920, 24.4074, 58.3275



154.7910, 0.5960, 42.2793



95.9020, 2.0203, 5.3479



65.7080, 37.1190, 87.9561



15.0100, 8.3761, 20.1622

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



158.8950, 16.3208, 38.6801



188.4920, 24.4074, 58.3275



178.2090, -0.5960, -42.2793



95.9020, 2.0203, 5.3479



65.7080, 37.1190, 87.9561



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 158.8950, 16.3208, 38.6801 looks on a white background.

Color Contrast Check

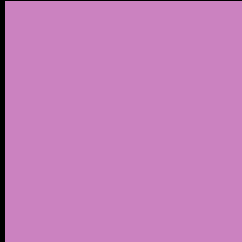
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 158.8950, 16.3208, 38.6801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

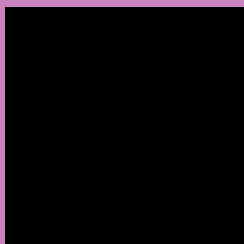
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 158.8950, 16.3208, 38.6801

Background



This preview shows how black text looks on a background with the YUV color 158.8950, 16.3208, 38.6801.



This preview shows how white text looks on a background with the YUV color 158.8950, 16.3208,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

158.8950, 16.3208, 38.6801

Protanopia

155.1980, 26.5244, -14.2056

Deuteranopia

155.8160, 15.8667, -2.4696



Tritanopia

157.7810, -4.3290, 35.2721

Trichromacy



Original Color

158.8950, 16.3208, 38.6801

Protanomaly

156.6950, 22.8284, 4.6525

Deuteranomaly

156.6160, 15.9653, 12.6148

Tritanomaly

158.4420, 3.2331, 36.4464

Monochromacy



Original Color

158.8950, 16.3208, 38.6801

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.6950, 6.0664, 14.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8950, 16.3208, 38.6801 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 130, 192)` looks like.

```
.text, #text, p{  
    color:rgb(203, 130, 192)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 130, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 130, 192) }
```

Border

The CSS property to change the border of an element to YUV 158.8950, 16.3208, 38.6801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 130, 192) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 130, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 130, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 130, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 130, 192);  
box-shadow:4px 4px 4px 4px rgb(203, 130,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 158.8950, 16.3208, 38.6801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 130, 192) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
130, 192) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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